

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,398,272 B2  
APPLICATION NO. : 10/804799  
DATED : July 8, 2008  
INVENTOR(S) : David Salim Hindawi et al.

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page showing an illustrative figure and substitute the attached title page therefor.

Delete drawing sheets containing figures 3-14, and substitute the attached drawing sheets containing figures 3-14 therefor.

PAGE 1

- Replace drawing of FIGURE 3 with --- Replacement Sheet of FIGURE 3

PAGE 5

- Replace drawings of FIGURES 3 and 4 with --- Replacement Sheets of FIGURES 3 and 4

PAGE 6

- Replace drawings of FIGURES 5 and 6 with --- Replacement Sheets of FIGURES 5 and 6

PAGE 7

- Replace drawings of FIGURES 7, 8, and 9 with --- Replacement Sheets of FIGURES 7, 8, and 9

PAGE 8

- Replace drawings of FIGURES 10, 11, and 12 with --- Replacement Sheets of FIGURES 10, 11, and 12

PAGE 9

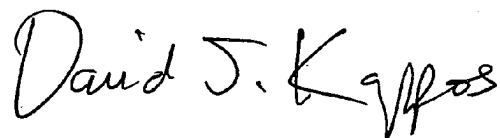
- Replace drawing of FIGURE 13 with --- Replacement Sheet of FIGURE 13

PAGE 10

- Replace drawing of FIGURE 14 with --- Replacement Sheet of FIGURE 14

Signed and Sealed this

Twenty-fourth Day of August, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Hindawi et al.**

(10) **Patent No.:** **US 7,398,272 B2**  
(45) **Date of Patent:** **Jul. 8, 2008**

(54) **ENTERPRISE CONSOLE**

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(73) Assignee: **Bigfix, Inc.**, Emeryville, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 462 days.

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(Continued)

(21) Appl. No.: **10/804,799**

Primary Examiner—Cheryl Lewis

(22) Filed: **Mar. 19, 2004**

(74) Attorney, Agent, or Firm—Michael A. Glenn; Glenn Patent Group

(65) **Prior Publication Data**

(57) **ABSTRACT**

US 2005/0086534 A1 Apr. 21, 2005

#### Related U.S. Application Data

(60) Provisional application No. 60/457,480, filed on Mar. 24, 2003.

(51) **Int. Cl.**  
**G06F 17/30** (2006.01)

(52) **U.S. Cl.** ..... 707/10; 707/5; 709/203

(58) **Field of Classification Search** ..... 707/10, 707/104.1, 5; 709/203

See application file for complete search history.

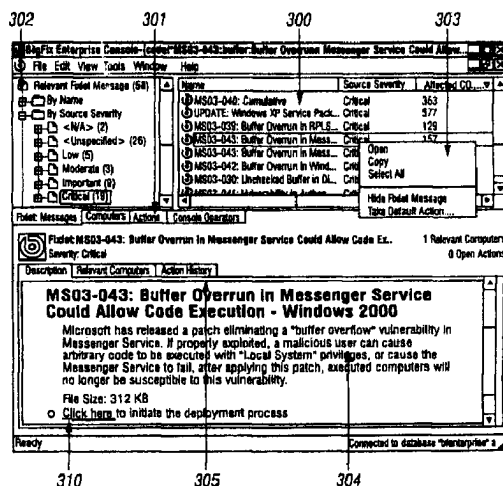
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A console for an enterprise suite is disclosed. The enterprise suite addresses the increasingly complex problem of keeping critical systems updated, compatible, and free of security holes. It uses Fixlet® technology to identify vulnerable computers on the network and then allows authorized personnel to correct problems across any subset of the network with a few simple mouse-clicks. The enterprise suite helps keep the networked computers updated and properly patched, all from a central console which, along with supporting architectural enhancements, is the subject matter of this document. The invention allows rolling out a security patch in minutes instead of months, thus allowing an administrator to stay ahead of potential hacker attacks. The invention also makes it possible to track the progress of each computer as updates are applied, thus making it simple to gauge the level of compliance across the entire enterprise.

65 Claims, 8 Drawing Sheets



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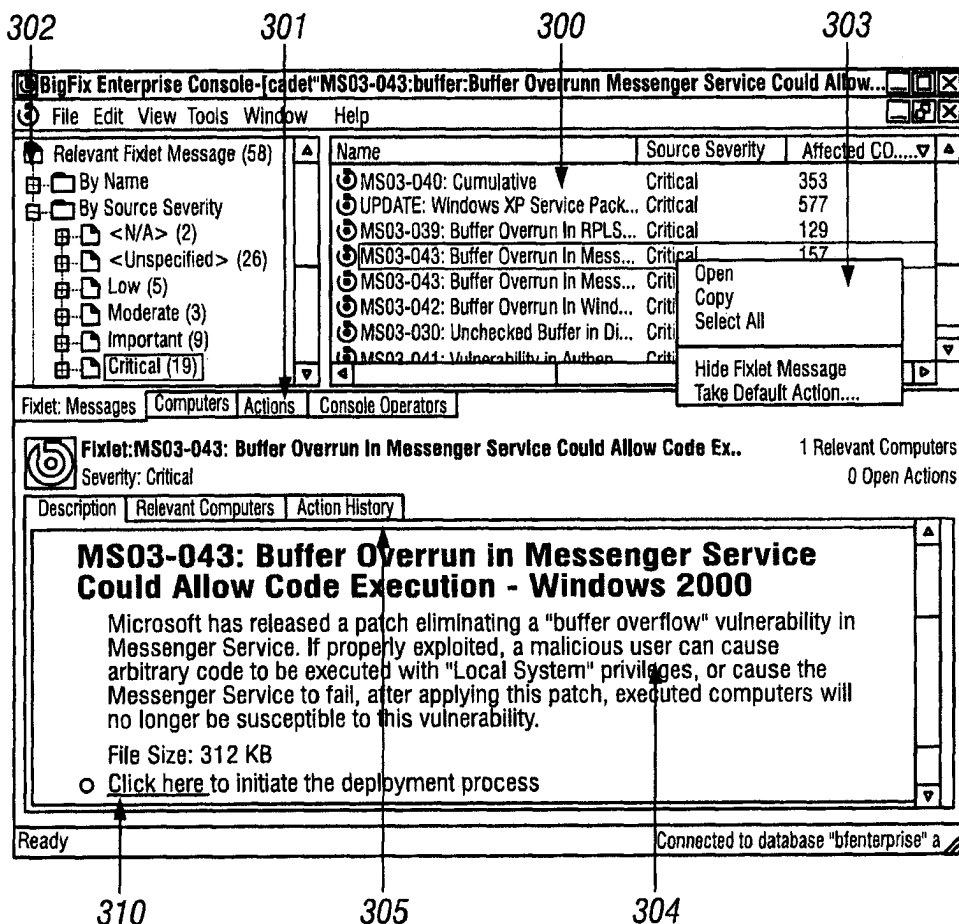


FIG. 3

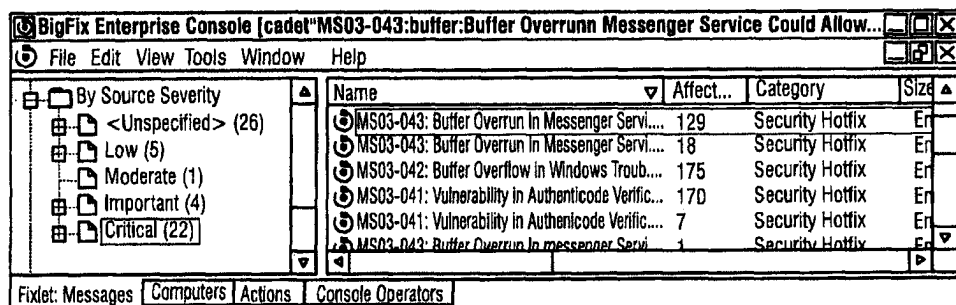


FIG. 4

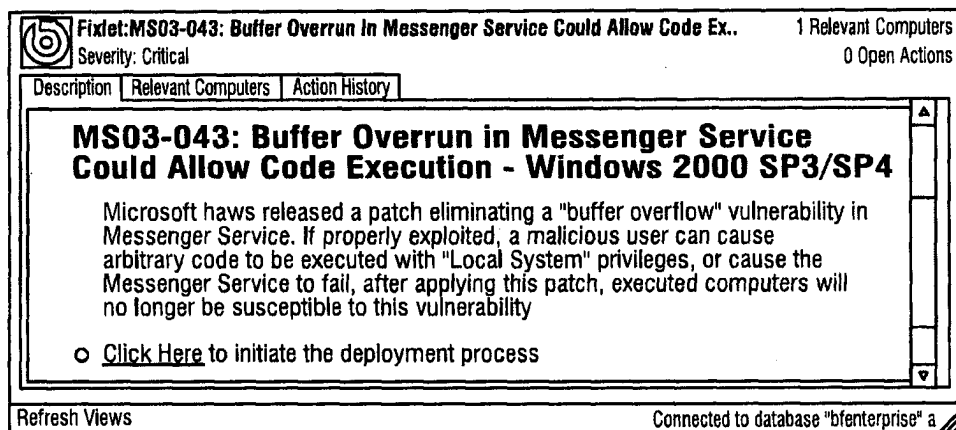


FIG. 5

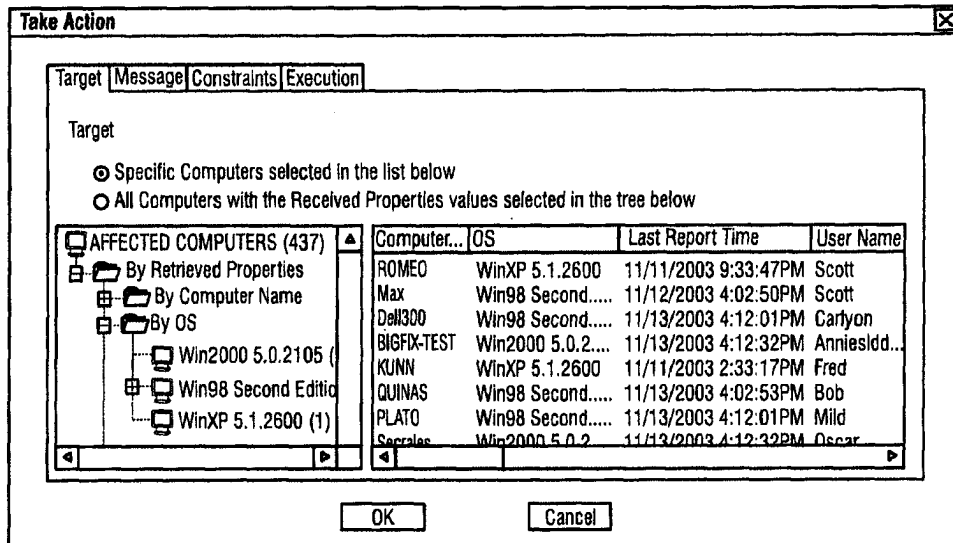


FIG. 6

Action: Assign Management Rights For Dennis				4 Reported Computers	
Issued 10/19/2003 6:35:49 PM by John				4 Computers Fixed	
Repaired Computers	Target	Message	Constraints	Execution	Action Script
By Retrieved Properties			Status	Computer Name	Last Repd
By Status			Mixed	ROMEO	11/11/20
By Computer Name			Max		
By Local					

FIG. 7

BigFix Enterprise Console-[Computer "ROMEO"]		
File Edit View Tools Window Help		
All Actions (240)	ID	State
By ID	69	Open
By State	68	Open
Explored (9)	66	Open
Open(11)	65	Open
By Name	64	Open
By Link ID	62	Open
By Site	58	Open
	50	Open
<div> <div>Open</div> <div>Copy</div> <div>Select All</div> <div>Show Action Info...</div> <div>Stop Action</div> <div>Restart Action</div> </div>		
Fixlet: Messages Computers Actions Console Operators		

FIG. 8

Computer: DELL300		27 Relevant Fixlet Messages	
300 Mhz Pentium II Running Win98 Second Edition.67766448		3 Open Actions	
Relevant Fixlet Messages	Action History	Fixlet Message History	Retrieved Properties
Relevant Fixlet Message	Name	Source Sev...	Category
By Name	MS02-044: Unsafe in Office Web Components	Critical	Enterprise
By Source Severity	MS02-065: Buffer Overrun in Microsoft data a	Critical	Security Hotfi
<QUNAX> (1)	MS03-042: Buffer Overflow		
	MS03-044		

FIG. 9

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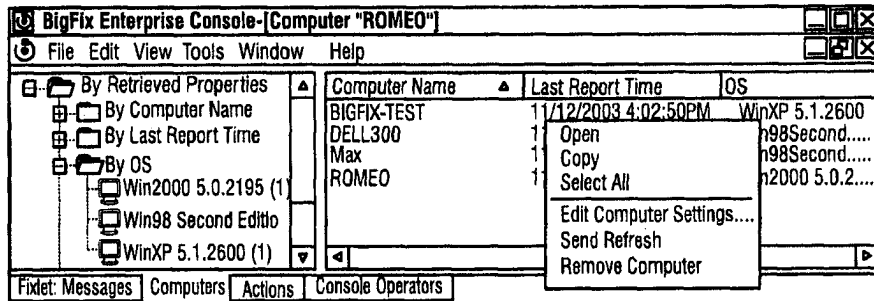


FIG. 10

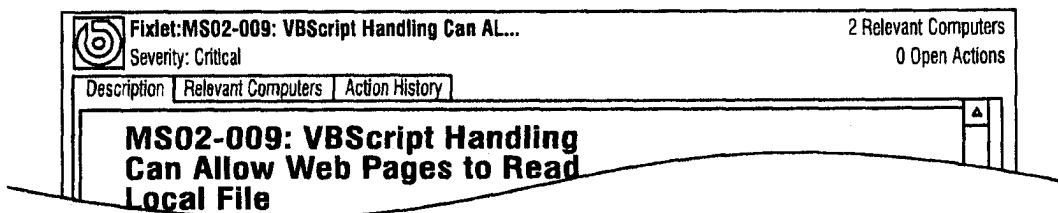


FIG. 11

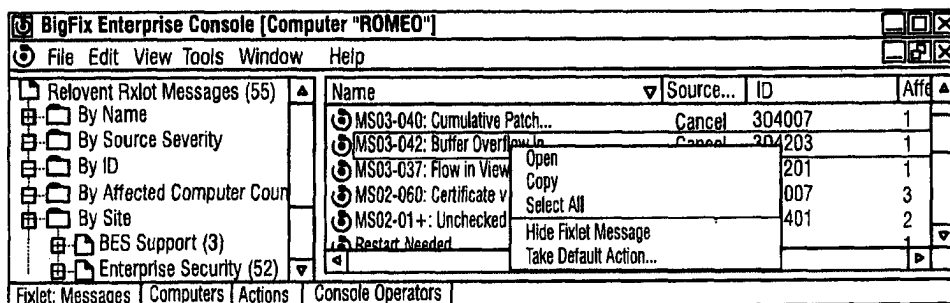


FIG. 12

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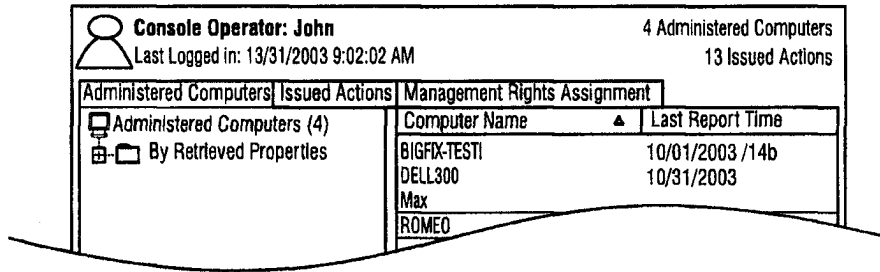


FIG. 13

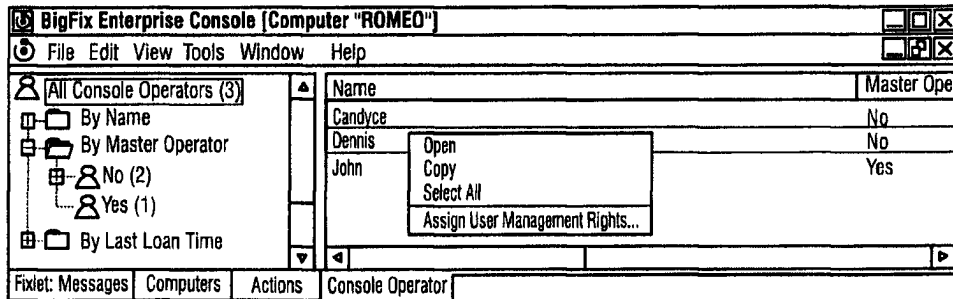


FIG. 14